

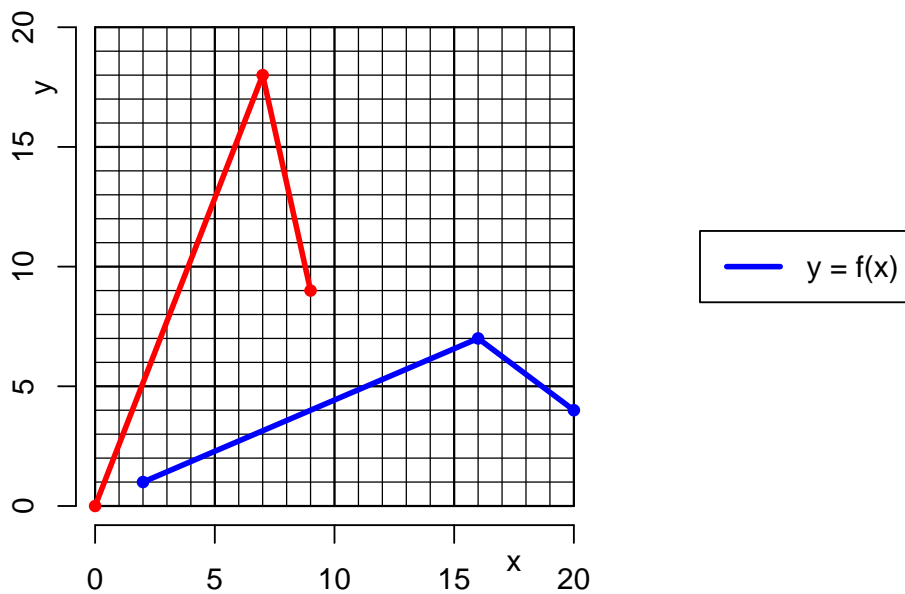
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 5)

Question 1

Curve $y = f(x)$ contains points $(2, 1)$ and $(16, 7)$ and $(20, 4)$, as shown on the x - y plane below.

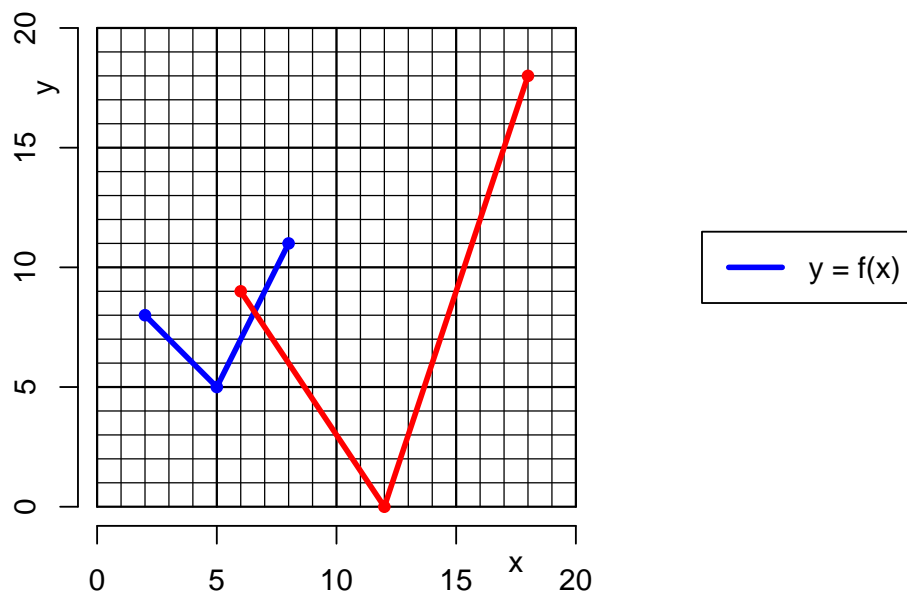


On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2x + 2] - 1)$$

Question 2

Curve $y = f(x)$ contains points $(2, 8)$ and $(5, 5)$ and $(8, 11)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3 \left(f \left[\frac{x-2}{2} \right] - 5 \right)$$